

CONTENTS

W. R. Bennett: Distribution of the sum of randomly phased components . . .	385
S. Bergman: Punch-card machine methods applied to the solution of the torsion problem	69
C. J. Bouwkamp: Concerning a new transcendent, its tabulation and applica- tion in antenna theory	394
O. L. Bowie: Elastic stresses due to a semi-infinite band of hydrostatic pressure acting over a cylindrical hole in an infinite solid	100
J. F. Carlson: (<i>See A. E. Heins</i>)	
G. F. Carrier: On a conformal mapping technique	101
P. Y. Chou: The turbulent flow along a semi-infinite plate	346
W. S. Coleman: Analysis of the turbulent boundary layer for adverse pressure gradients involving separation	182
G. Comenetz: Continuous heating of a hollow cylinder	503
H. S. M. Coxeter: The product of three reflections	217
P. E. Guenther: (<i>See B. L. Hicks</i>)	
W. D. Hayes: On hypersonic similitude	105
A. E. Heins and J. F. Carlson: The reflection of an electromagnetic plane wave by an infinite set of plates, II	82
M. Herzberger and R. H. Morris: A contribution to the method of least squares	354
B. L. Hicks, P. E. Guenther and R. H. Wasserman: New formulations of the equations for compressible flow	357
G. Horvay: Rotor blade flapping motion	149
L. Infeld: The influence of the width of the gap upon the theory of antennas .	113
W. M. Kincaid: Numerical methods for finding characteristic roots and vectors of matrices	320
R. King and T. W. Winternitz: The cylindrical antenna with gap	403
E. V. Laitone: The subsonic flow about a body of revolution	227
H. A. Lang: Note on Rayleigh's method and the non-uniform strut	510
C. C. Lin: Corrections to my paper "On an extension . . ."	238
C. B. Ling: Torsion of a circular tube with longitudinal circular holes	168
N. W. McLachlan: Vibrational problems in elliptical coordinates	289
R. D. Mindlin: Corrections to my paper "The analogy between . . ."	238
D. Middleton: Some general results in the theory of noise through non-linear devices	445
E. W. Montroll: Averages over normal modes of coupled oscillators with appli- cation to theory of specific heats	223
R. H. Morris: (<i>See M. Herzberger</i>)	
W. Prager and J. L. Synge: Approximations in elasticity based on the concept of function space	241
E. Reissner: On bending of elastic plates	55
I. Roettinger: A generalization of the finite Fourier transformation and appli- cations	298
S. A. Schaaf: On the superposition of a heat source and contact resistance .	107
W. R. Sears: A second note on compressible flow about bodies of revolution .	89

S. Sherman: A note on stability calculations and time lag	92
M. Schiffman and D. C. Spencer: The flow of an ideal incompressible fluid about a lens	270
R. M. Snow: Aerodynamics of thin quadrilateral wings at supersonic speeds .	417
D. C. Spencer: (<i>See M. Schiffman</i>)	
A. F. Stevenson: Relations between the transmitting and receiving properties of antennas	369
J. J. Stoker: Surface waves in water of variable depth	1
J. L. Synge: (<i>See W. Prager</i>)	
H. S. Tsien: Lower buckling load in the non-linear buckling theory for thin shells	236
L. B. Tuckerman: Multiple reflections by plane mirrors	133
J. W. Tukey: Linearization of solutions in supersonic flow	361
A. Vazsonyi: A new derivation of the method of characteristics for axially sym- metrical supersonic flow	499
R. H. Wasserman: (<i>See B. L. Hicks</i>)	
A. Weinstein: The center of shear and the center of twist	97
A. Weinstein: On axially symmetric flows	429
T. W. Winternitz: (<i>See R. King</i>)	
A. Wintner: A criterion for stable characteristic exponents	232
Book Reviews	112, 238, 365, 512

